

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Naoki AYAI  
Title: BISMUTH BASED OXIDE  
SUPERCONDUCTING WIRE AND  
METHOD OF MANUFACTURING  
THE SAME  
Appl. No.: 10/531,703  
International Filing Date: 6/14/2004  
371(c) Date: 04/18/2005  
Examiner: Cazan, Livius Radu  
Art Unit: 3729  
Confirmation Number: 3739

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated May 04, 2007, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 4 of this document.

Please amend the application as follows: